

What the invention claimed is:

1. A shuttle valve mounted between a pneumatic piston and a ring plate in a reciprocating pneumatic motor and moved to control the passage between a ^{great air} ~~shuttle compression~~ chamber and a ^{an} ~~radial~~ air ^{vent} ~~inlet~~ hole in the pneumatic piston, the shuttle valve comprising a valve body having a longitudinal center through hole and an inside annular flange at one end of said longitudinal center through hole, an end cap fixedly fastened to ^{another} ~~one~~ end of said longitudinal center through hole on said valve body remote from said inside annular flange, a compression spring mounted inside said longitudinal center through hole and supported on said end cap, a press rod supported on said compression spring inside said longitudinal center through hole, said press rod having a front end extending out of said valve body and an outward flange raised around a rear end thereof and supported on said compression spring, the outward flange of said press rod being stopped by said inside annular flange from passing out of said valve body, a gasket ring and an oil seal ring respectively mounted around said valve body on the outside near two opposite ends thereof.